BookletChart

Damariscotta, Sheepscot and Kennebec Rivers

(NOAA Chart 13293)



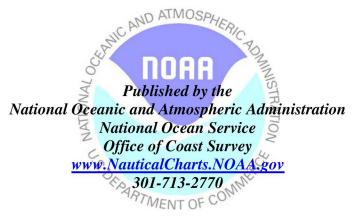
A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ☑ Complete, reduced scale nautical chart
- ✓ Print at home for free
- ☑ Convenient size
- ☑ Up to date with all Notices to Mariners
- ☑ United States Coast Pilot excerpts

☑ Compiled by NOAA, the nation's chartmaker. AD ATM



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What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart[™]?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



(62) **Pemaquid Harbor** is at the entrance to Pemaquid River, northeastward of Johns Island. The preferred anchorage for small craft, although crowded, is said to be north of the fort where the bottom is soft in places. (64) The pier and float landing of a lobster wharf are on the north side of Pemaquid River about 0.5 mile northeastward of the old fort. Depths of 3 feet are reported alongside the float; gasoline, diesel fuel, and some marine

[Coast Pilot 1, Chapter 8 excerpts]

(65) **Pemaquid Beach** is a village on the south side of Pemaquid River at the entrance. There is a private wharf with a float at the old fort. A pier and float landing are at a State park, close northeastward of the private wharf. Depths of 10 feet are reported alongside the float. Parking, restaurant, and a small-craft launching ramp are available at the State park. Groceries and lodging can be obtained in the village nearby.

supplies are available.

(75) **Thread of Life** is a narrow deep channel, lying between Thread of Life Ledges and Crow Island on the east, and the southern part of Rutherford Island and Turnip Island on the west. It is used by small local vessels entering Johns Bay from westward or from Damariscotta River. (78) The entrance to **Damariscotta River** is about 3.2 miles west-southwestward of Pemaquid Point Light and 1.3 miles northeastward of

Ram Island Light. The tidal current is strong.

- (79) The channel of the river is crooked. In many places it is very narrow because of the constricting islands and ledges. For a distance of 11 miles above the mouth of the river a least depth of 20 feet may be carried in the channel, although there are many unmarked 16- to 18-foot spots on each side of the channel. Above this point the water shoals to 10 feet just below the town of Damariscotta.
- (83) Vessels bound into the river usually go as far as Meadow Cove, just above East Boothbay, where good anchorage is available in 30 to 48 feet, keeping 150 yards offshore. This is as far as a stranger should attempt to go, without local knowledge.
- (85) With the aid of the chart, enter the river midway between the gong buoy off Little River and the buoy marking Inner Heron Ledge, keeping in midchannel for about 1.5 miles above Inner Heron Island.
- (87) Small craft should have no trouble in going to the head of navigation with the aid of the chart. The best time is on a rising tide.
- (89) The tidal current in the constricted sections attains an estimated velocity of 5 knots. The ebb lasts about 2 hours after low water in the upper part of the river, and is usually stronger than the flood. The currents follow the general direction of the channel. Off Cavis Point the velocity at strength of current is about 1 knot.
- (99) **Christmas Cove** 0.7 mile north-northeastward of Inner Heron Island, offers good protection for small craft. The narrow entrance to the cove proper is midway between two bare rocks, the one on the southeast side being marked by Middle Ledge Daybeacon 2. Daybeacon 3 marks the north side of the channel, and Steamboat Wharf Daybeacon 4 marks the point of a ledge near the south side close westward of the town landing.
- (103) A marina-motel with 12 feet reported alongside its float landing is on the west side of the cove opposite the boatyard. Berthing, gasoline, diesel fuel, water, ice, marine supplies, and a small-craft launching are available
- (104) **The Gut** is a thorofare connecting Damariscotta River at South Bristol with McFarlands Cove and Johns Bay. In July-November 2001, the controlling depth in the approaches to the bridge was 4.1 feet, except for shoaling to less than one foot on the south side of the channel, west of the bridge. The Gut east of the bridge is thickly congested with moorings and lobster pot buoys, but the harbormaster keeps a 100-foot channel clear.
- (106) **South Bristol** is a village on The Gut. There are a number of wharves with float landings. Four on the north shore east of the bridge are lobster wharves with depths of 4 to 12 feet reported alongside their floats; gasoline and diesel fuel are available. A general store is on the wharf by the bridge. Some marine supplies, ice, and provisions may be obtained. The town wharf on the south shore close west of the bridge has a reported depth of 3 feet alongside. The town **harbormaster** may be contacted through the town office.
- (109) Gasoline, diesel fuel, water, ice, provisions, marine supplies, and open, covered, wet and dry winter storage are available at the yards.
 (128) Between Hall Point and Little Point on the west bank, the river is only about 250 yards wide and the channel less than 100 yards wide. A strong ebb tidal current is reported to run between the two points.
 (133) Small craft can pass under U.S. Route 1 highway bridge at high water slack. A marina on the east side of the river just above the bridge has moorings and marine supplies, and can repair outboard engines.
 (134) A boatyard, on the west bank in the cove below Jacks Point, builds craft up to 35 feet long. Marine supplies are available; gasoline and diesel fuel can be obtained by truck. The float and the marine railway dry at low water.

2

Table of Selected Chart Notes

Corrected through NM Dec. 11/04 Corrected through LNM Nov. 23/04

Heights in feet above Mean High Water.

Mercator Projection Scale 1:40,000 at Lat. 43° 52'

North American Datum of 1983 (World Geodetic System 1984)

SOUNDINGS IN FEET AT MEAN LOWER LOW WATER

CAUTION

Currents are very strong and erratic in the vicinity of the Cowseagan Narrows bridge. Passage should not be attempted without local knowledge and then only at slack tide.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See

navigation are not indicated on this chart. See Local Notice to Mariners. During some winter months or when endan-gered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

LOCAL MAGNETIC DISTURBANCE

Differences of as much as 8° from the normal variation have been observed in an area around Ellingwood Rock for approximately 1 nautical mile in all directions.

PLANE COORDINATE GRID (based on NAD 1927)

Maine State Grid, west zone, is indicated by dashed ticks at 2,000 foot intervals thus: ---The last three digits are omitted.

HORIZONTAL DATUM

HIGHIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected average of 0.293° northward and 1.828° eastward to agree with this chart.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas

Additional uncharted submarine pipelines and Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, draggling, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Portland, ME Dresden, ME

162.475 MHz

AIDS TO NAVIGATION Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-flinder bearings to commercial broadcasting stations are subject to error and should be used with certified.

should be used with caution. Station positions are shown thus: ⊙(Accurate location) o(Approximate location)

RECOMMENDED VESSEL ROUTE
Recommended Vessel Route for vessels entering and departing the Sheepscot River, Maine. While not mandatory, vessels are requested to follow the designated route. See U.S. Coast Pilot Volume 1, Chapter 8.

NOTE A

Navigation regulations are published in Chapter 2, U.S.
Coast Pilot 1. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning
the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the
Office of the District Engineer, Corps of Engineers in
Concord, MA.

Refer to charted regulation section numbers.

NOTE Z

NO-DISCHARGE ZONE, 40 CFR 140

Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owcw/oceans/regulatory/vessel_sewage/.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, <u>United States Coast Pilot</u>.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

NOTE X

NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The Pnautical mile Natural Resource Boundary of the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

TIDAL INFORMATION									
Place	Height referred to datum of soundings (MLLW)								
Name (LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water					
Newcastle	feet 10.1 9.6 10.2 9.1 6.9 4.1	feet 9.7 9.1 9.8 8.7 6.6 3.9	feet 0.4 0.3 0.4 0.3 0.2 0.1	feet -3.5 -3.5 -3.5 -3.5 -3.5 -3.5					

(Sep 2004)

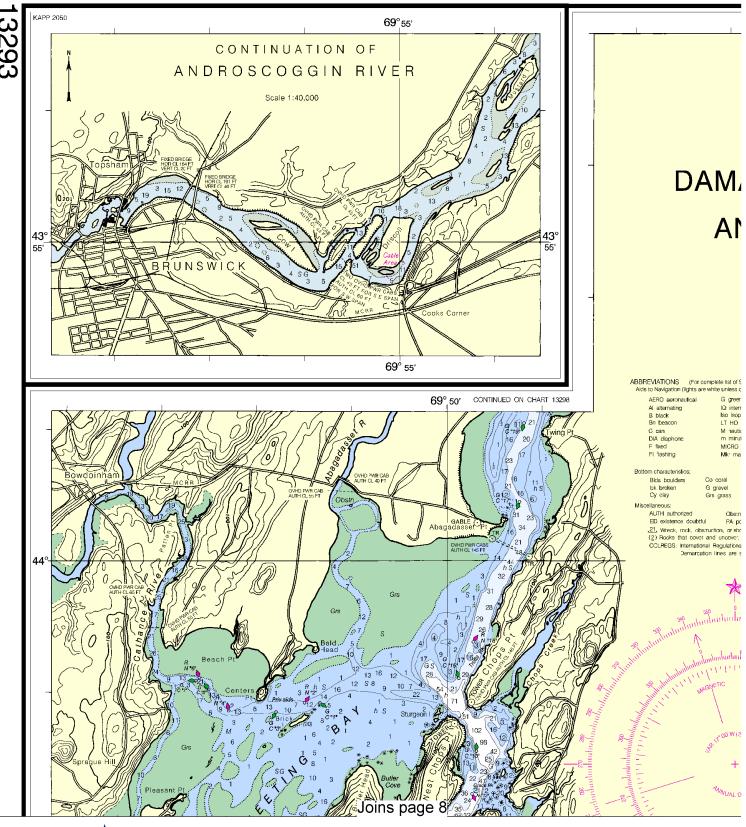
ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.) Aids to Navigation (lights are white unless otherwise indicated):										
AERO aeronautical G green Mo morse code R TR radio										
Al alternating	IQ interru	pted quick	N nun	Rot rotating						
B black	Iso isoph	ase	OBSC obscured	s seconds						
Bn beacon	LT HO II	ghthouse	Oc occulting	SEC sector						
C can	M nautica	al mile	Or orange	St M statute miles						
DIA diaphone	m minute	IS .	Q quick	VQ very quick						
F fixed	MICRO T	R microwave tower	R red	W white						
FI flashing	Mkr mark	er	Ra Ref radar reflector	WHIS whistle						
			R Bn radiobeacon	Y yellow						
Bottom characteristics:										
Blds boulders	Co coral	gy gray	Oys oysters	so soft						
bk broken	G gravel	h hard	Rk rock	Sh shells						
Cy clay	Cy clay Grs grass M mud S sand sy sticky									
Miscellaneous:										
AUTH authorized	Obstn	obstruction	PD position doubtful	Subm submeraed						
ED existence doubtful PA position approximate Rep reported										
21. Wreck, rock, obstruction, or shoal swept clear to the depth indicated.										
(2) Rocks that cov	ver and uncover, v	with heights in feet a	bove datum of soundings							
COLREGS: Internation	tional Regulations	for Preventing Collisi	ons at Sea, 1972.							
Demar	cation lines are sh	nown thus:	_							

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or help@OceanGrafix.com.

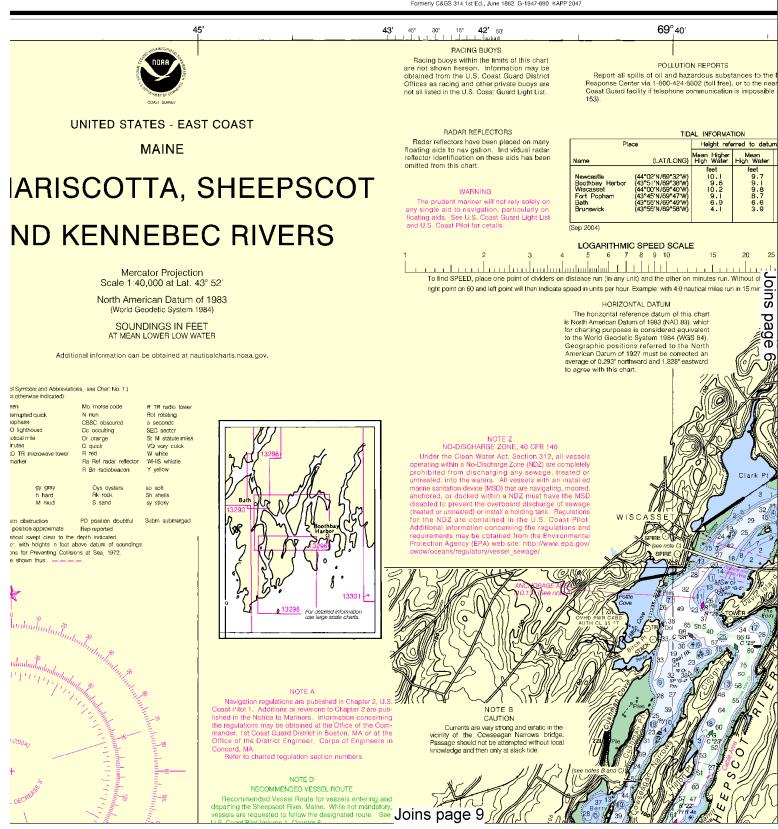
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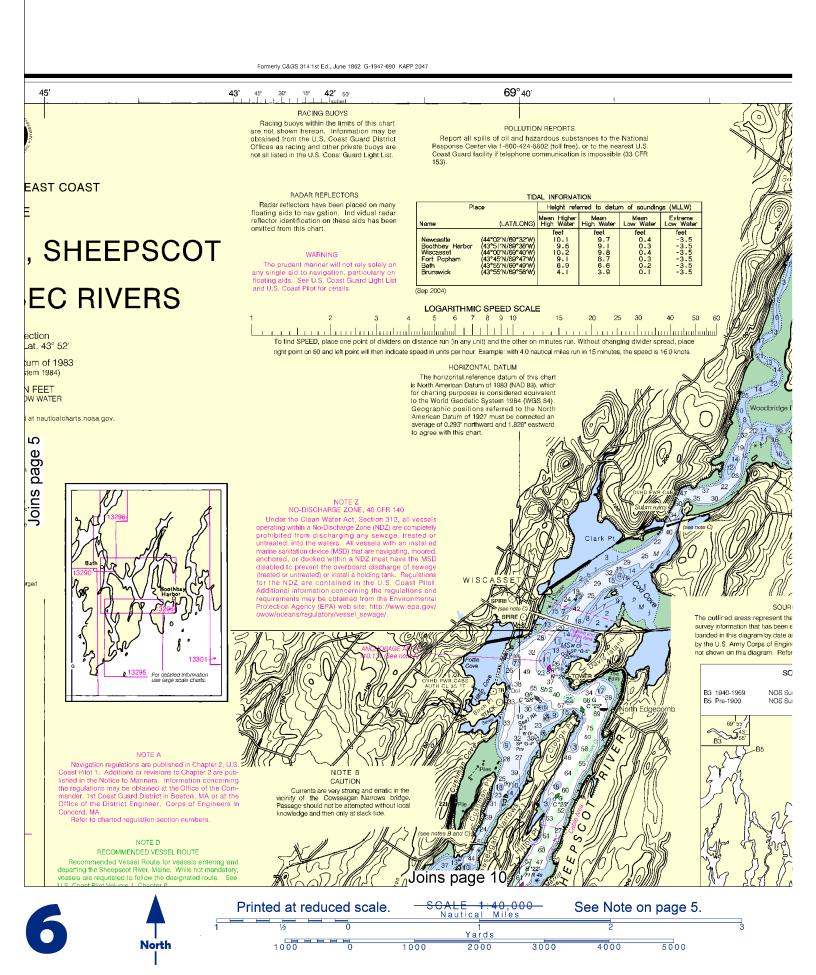








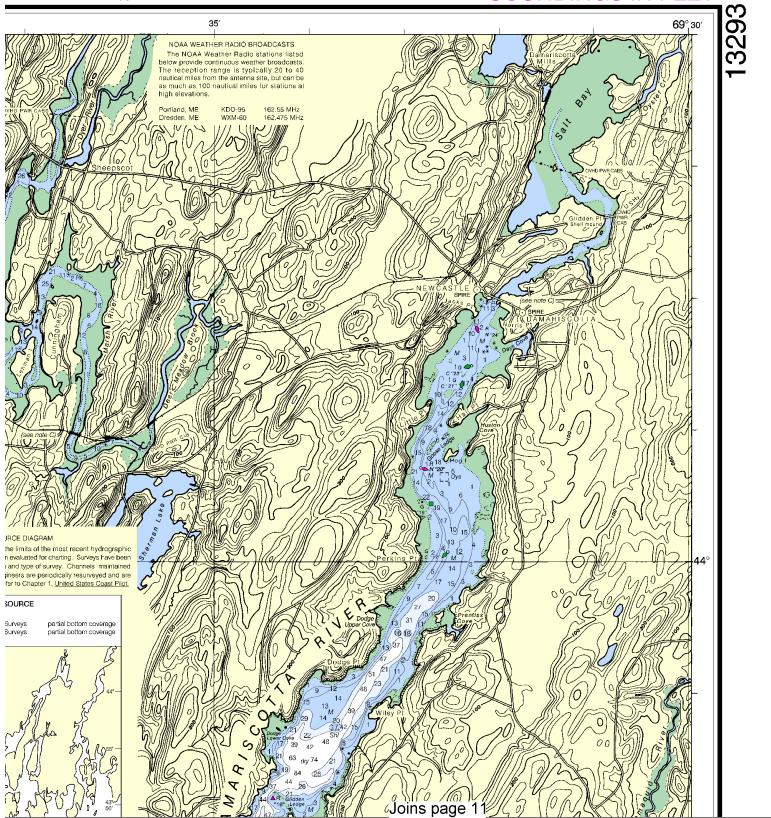
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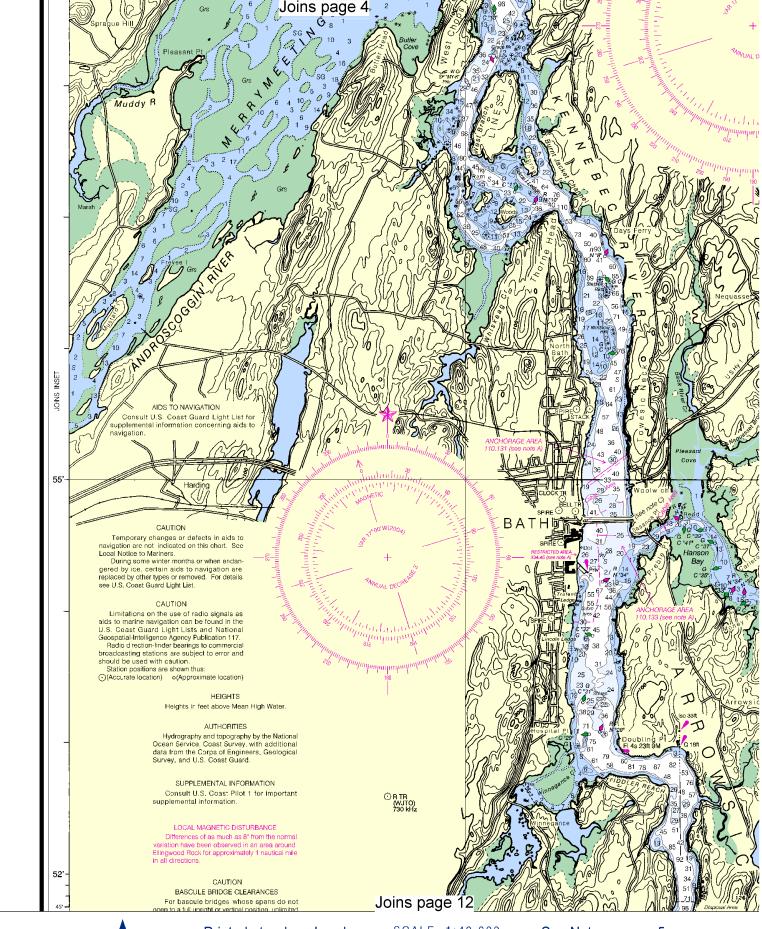
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SOUNDINGS IN FEET

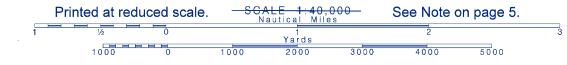


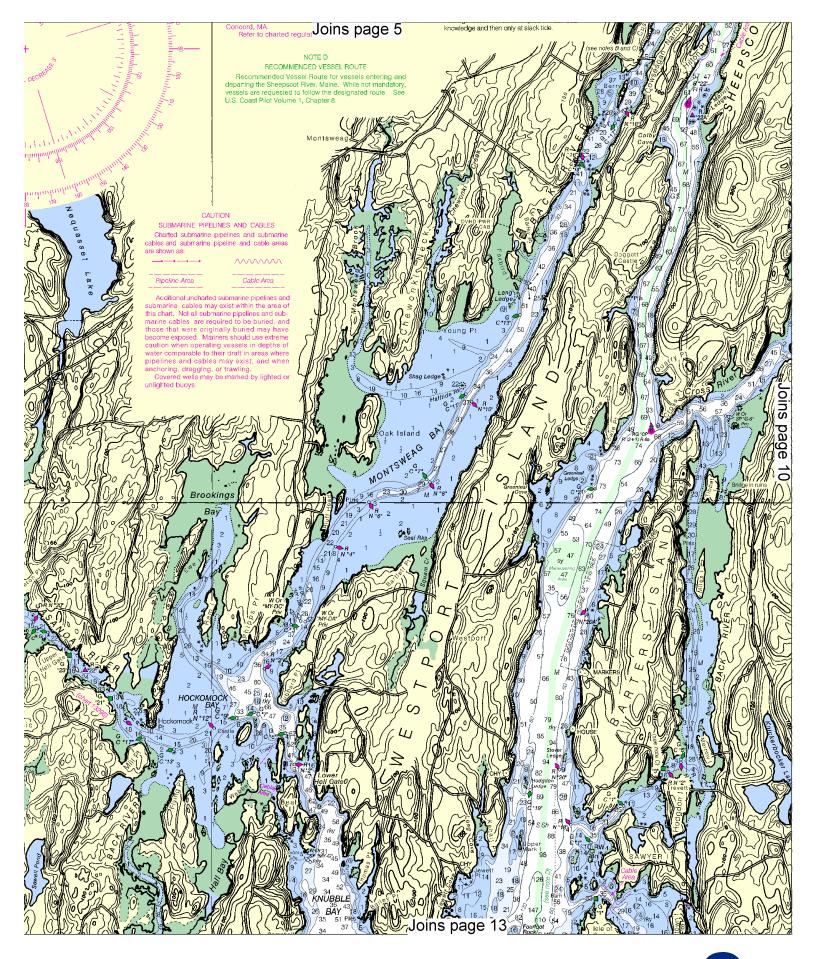
This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010, NGA Weekly Notice to Mariners: 0910 2/27/2010,

Canadian Coast Guard Notice to Mariners: 1209 12/25/2009.

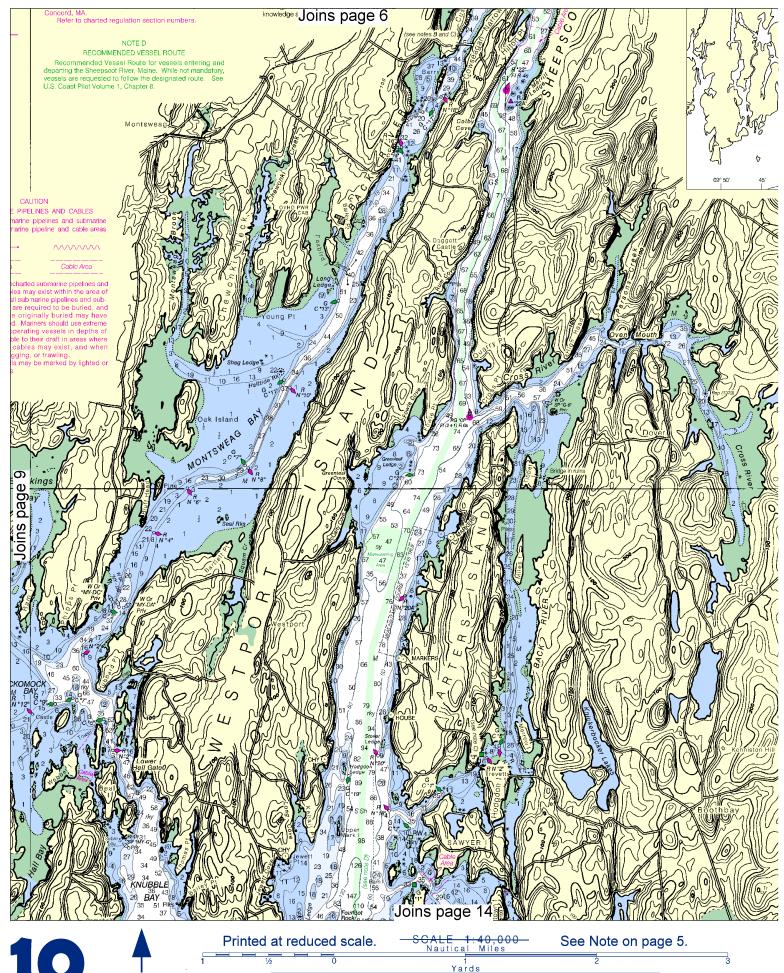






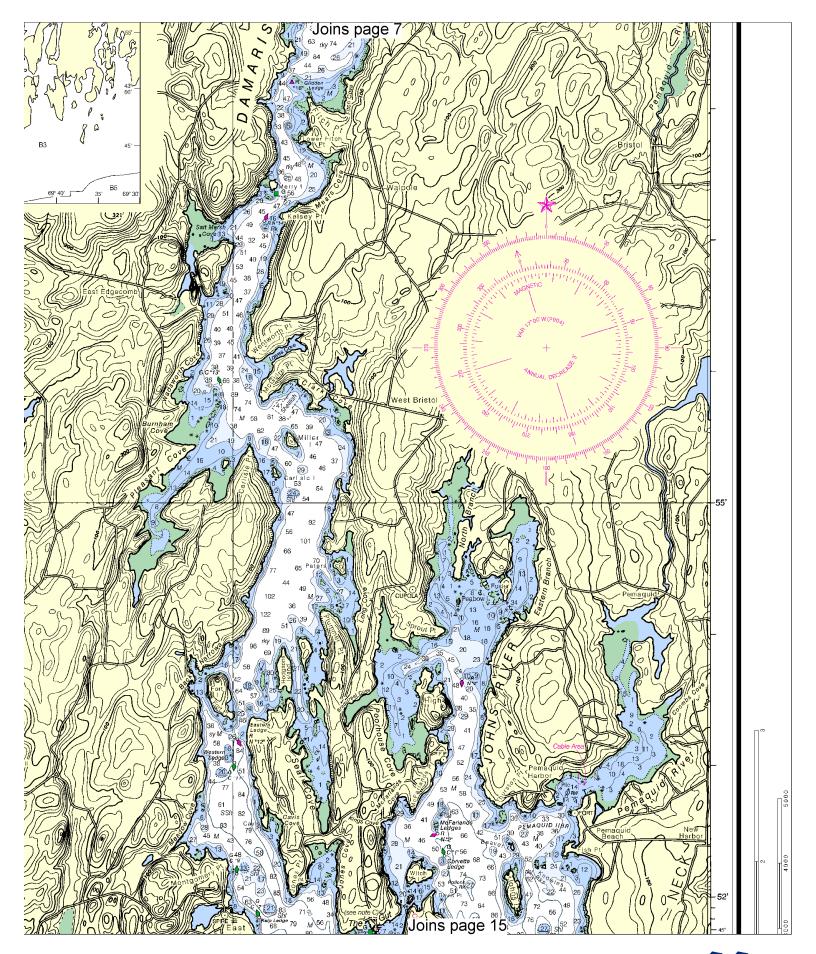


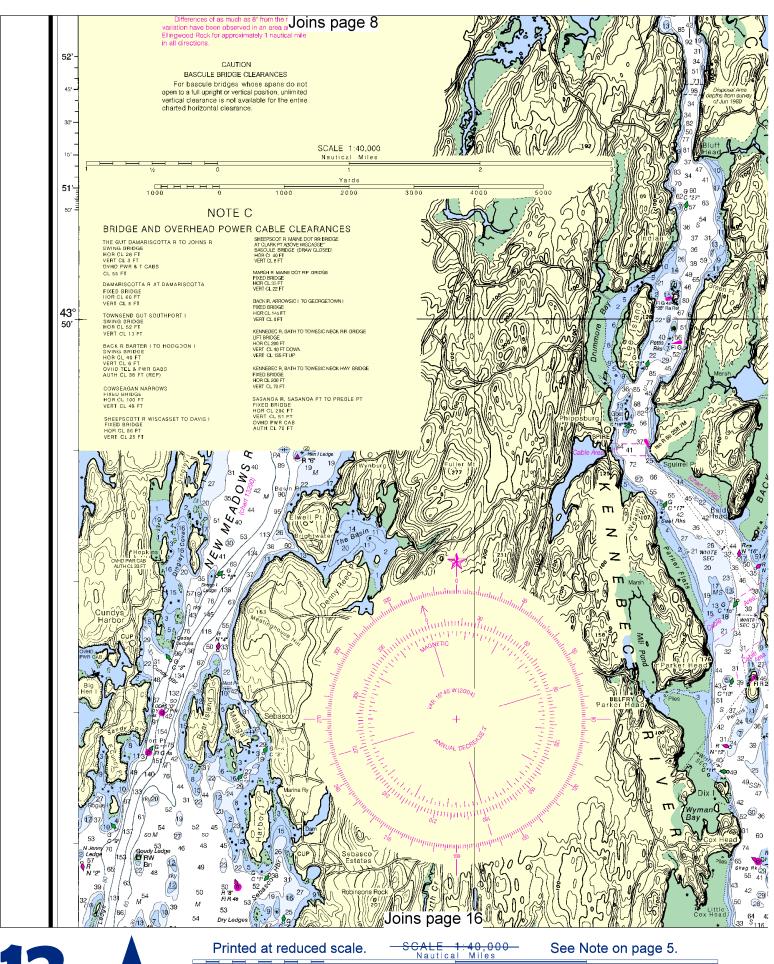




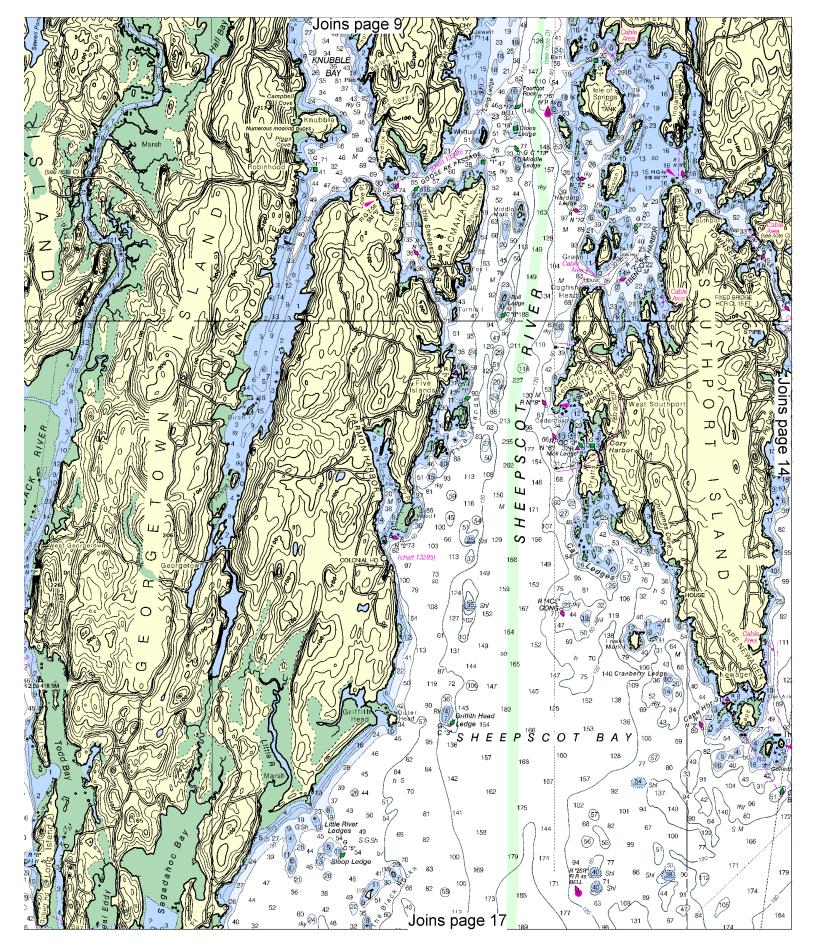


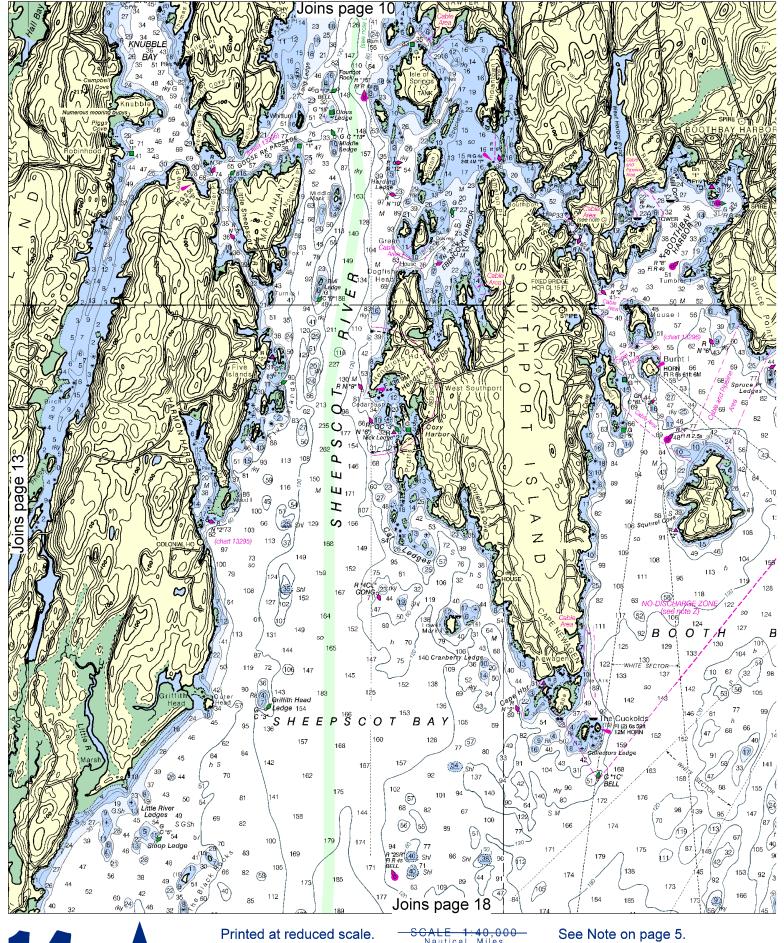




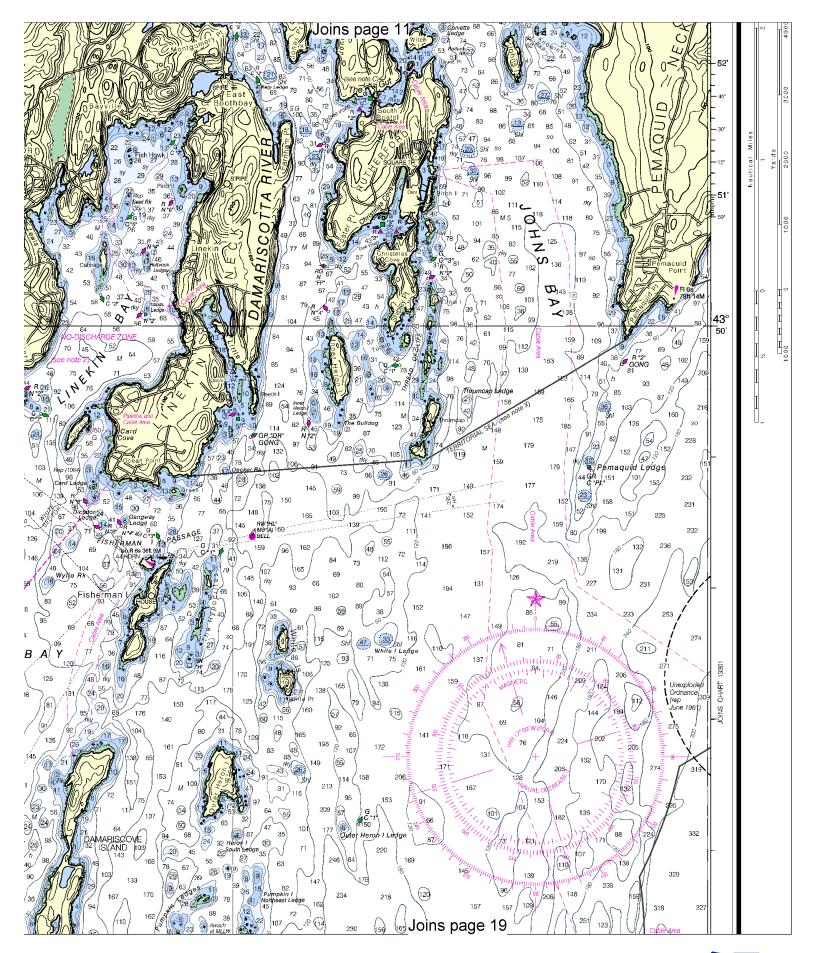


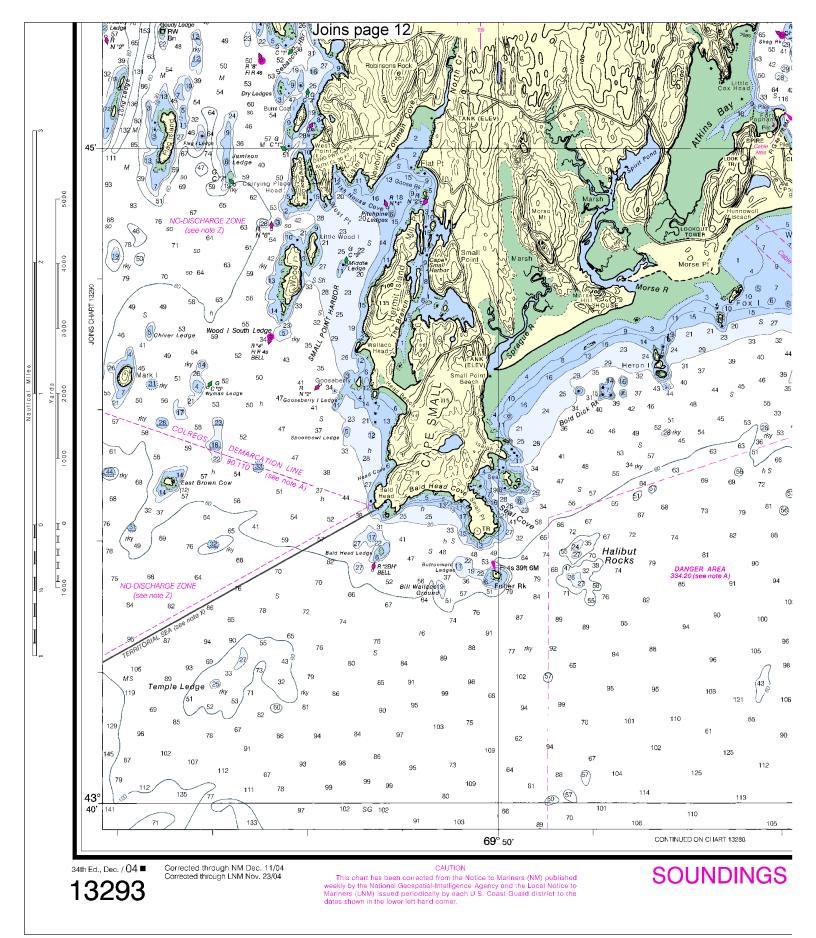




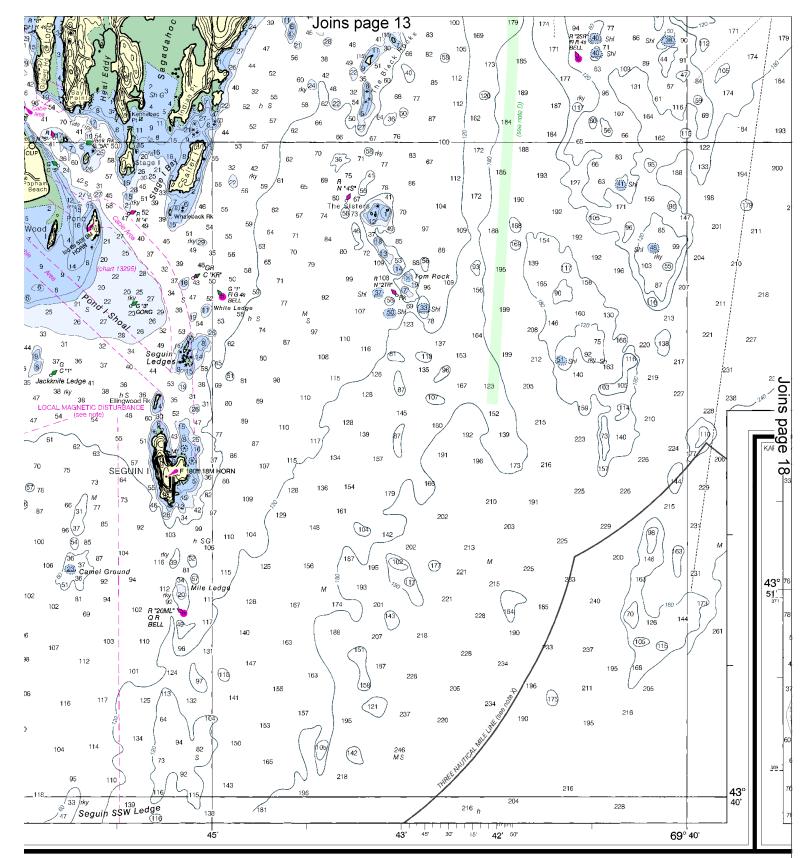






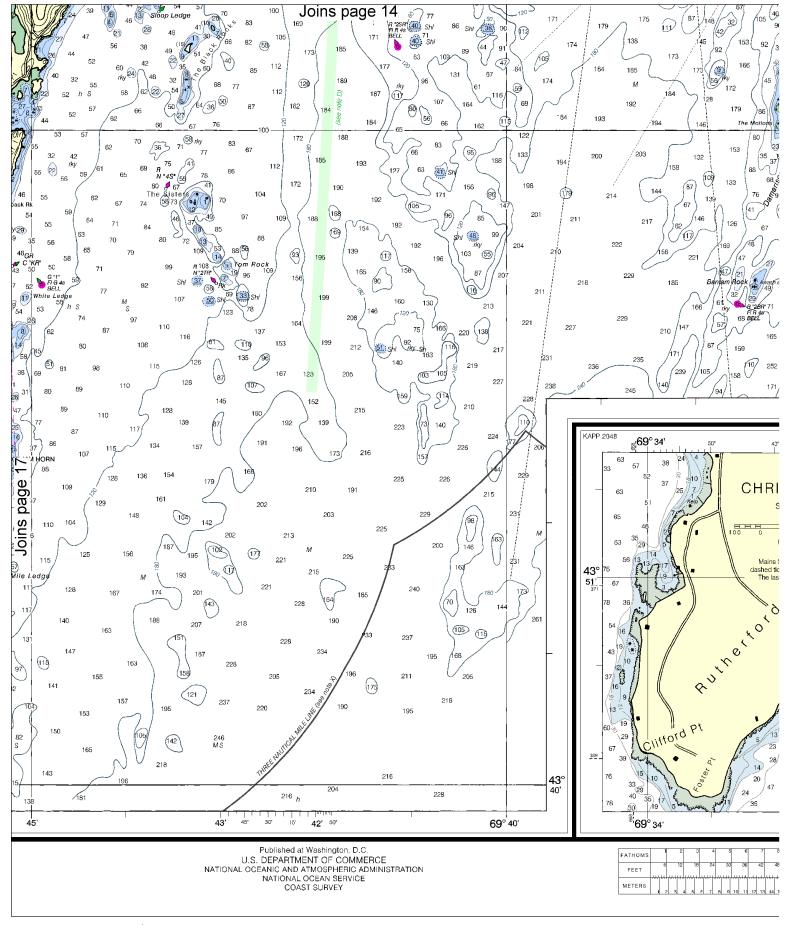






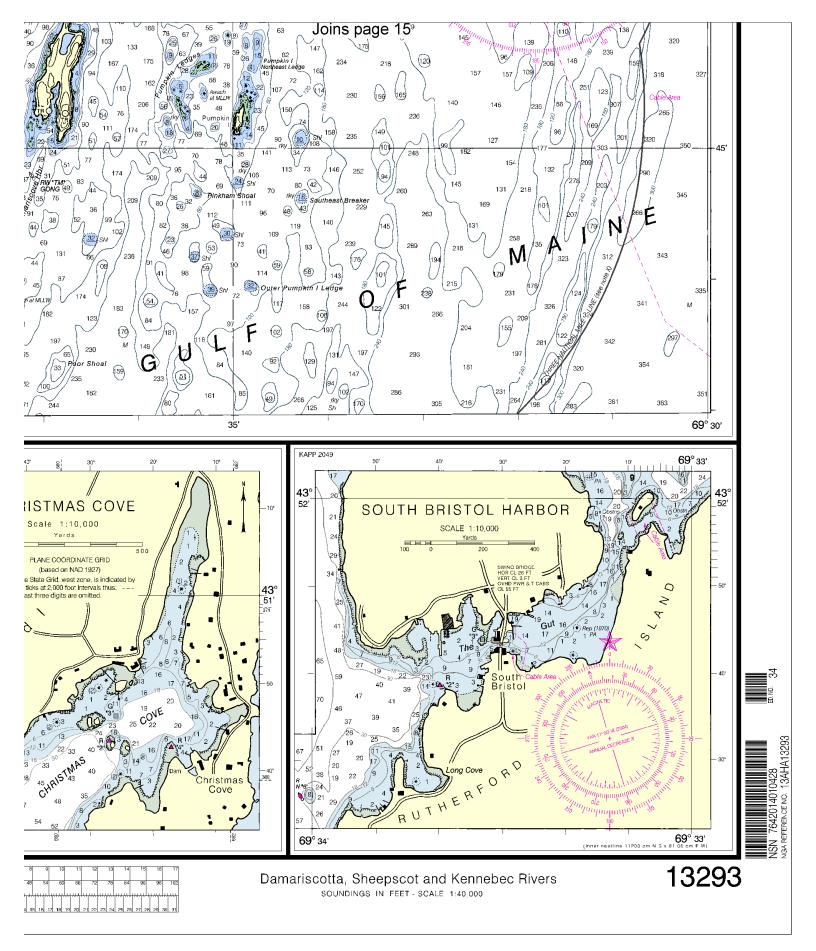
IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY



8 North





EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls

to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

- 1. Make sure radio is on.
- 2. Select Channel 16.
- 3. Press/Hold the transmit button.
- 4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- 6. Release transmit button.
- Wait for 10 seconds If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!!

Mobile Phones – Call 911 for water rescue.

Coast Guard Group Portland - 207-767-0302 Coast Guard South Portland - 207-767-0363/0303 Coast Guard Boothbay Harbor - 207-633-2643 Maine Marine Patrol - 207-657-3030 Coast Guard Atlantic Area Cmd - 757-398-6390

<u>NOAA Weather Radio</u> – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



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Official Electronic Navigational Charts (NOAA ENCs®) -

ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNCs[™]) –

RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts[™] – BookletCharts[™] are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketChartsTM – PocketChartsTM are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot® – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm.

Internet Sites: www.Noa.gov, <a href="